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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 42697.147 US2)

In re Application of: Roy G. Gordon et al.) Examiner: To Be Assigned
Serial No. To Be Assigned)
Filing Date: Herewith)

For: **VAPOR DEPOSITION OF TUNGSTEN NITRIDE**

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR §1.10

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants submit herewith the references listed on the attached Form PTO-1449, copies of which are enclosed. This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97 (b)(3), before the mailing date of a first Office Action on the merits, therefore no fee is believed to be due.

This submission does not represent that a search has been made and does not constitute an admission that the listed documents are material to the patentability of the invention, or that the listed document is prior art. Applicants reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application. If it should be determined that any of the listed documents constitute prior art under United States law, Applicants reserve the right to present to the Office relevant facts and law regarding the significance of such documents to the patentability of the claimed invention.

It is respectfully requested that the Examiner initial and return a copy of the attached Form PTO-1449 with the next Patent Office communication.

Information Disclosure Statement
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Please charge any fees that might be due in connection with this matter to Deposit Account Number 08-0219. If there are any questions, please call the undersigned at the telephone number indicated below.

Respectfully submitted,

Date: January 6, 2005
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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	TBA
Sheet	1	of	1	Filing Date	January 6, 2005
				First Named Inventor	Roy G. Gordon
				Art Unit	TBA
				Examiner Name	TBA
				Attorney Docket Number	42697.147 US2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
		US-6,359,160 B1	03/19/2002	Sun et al.	
		US-2001/041250 A1	11/15/2001	Haukka et al.	
		US-2001/054730 A1	12/27/2001	Kim et al.	
		US-2001/002280 A1	05/31/2001	Sneh	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
		EP-1067595 A	01/10/2001	Air Prod & Chem	
		WO-01/27347 A	04/19/2001	ASM Microchemistry OY	
		WO-02/27063 A	04/04/2002	President and Fellows of Harvard College	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		BECKER, J. S. et al., "DIFFUSION BARRIER PROPERTIES OF TUNGSTEN NITRIDE FILMS GROWN BY ATOMIC LAYER DEPOSITION FROM BIS (TERT-BUTYLIMIDO) BIS (DIMETHYLAMIDO) TUNGSTEN AND AMMONIA" Applied Physics Letters, American Institute of Physics, New York, US, vol. 82, no. 14, April 7, 2003, pages 2239-2241.			

Examiner Signature		Date Considered
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